

**TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL**

NASA/GODDARD SPACE FLIGHT CENTER

**REQUEST FOR TASK PLAN / TASK ORDER**

<b>CONTRACTOR</b>	<b>CONTRACT NO./TASK NO.</b>	<b>JOB ORDER NUMBER</b>	<b>APPROPRIATE</b>
QSS Group, Inc.	NAS5- <b>99124</b> <b>202</b> AMENDMENT	561-839-06-50-89	2000

**TASK TITLE:** (NTE 80 characters; include Project name)

**ISIS High Voltage Power Converter HVPC Task**

**APPROVALS:** (Type or print name and sign)

**ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)**

Harry L. Culver <i>Harry L. Culver</i>	DATE 1/18/00	ORG CODE 561	MAIL CODE 561	PHONE 301-286-5874
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**BRANCH HEAD**

Robert W. Stone <i>RW Stone</i>	DATE 1-24-00	CODE 561	PHONE 301-286-5966
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**CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)**

Robert S. Lebaire, Jr. <i>Robert S. Lebaire</i>	DATE 1/27/00	CODE 560	PHONE 301-286-6588
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**FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE?**

**CONTRACTING OFFICER'S QUALITY REP.**

**DESIGNATED FAM:**

(If YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)

☒ NO ☐ YES

Larry Moore

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)

**C.O. Requested Quote on:**

**Date:** JAN 31 2000

Contractor will develop specification or statement of work under this task for a future procurement. ☐ NO ☐ YES

Flight hardware will be shipped to GSFC for testing prior to final delivery. ☐ NO ☒ YES ☐ N/A

Government Furnished Property/Facilities: ☐ NO ☒ YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: ☐ NO ☒ YES If yes: ☒ TOTAL ☐ PARTIAL  
If partial, indicate onsite work in SOW by asterisk (\*)

Surveillance Plan Attached: ☒ NO ☐ YES

Highlighted Contract Clauses: (to be completed by Contracting Officer)

The effective date of this task is March 10, 2000.

**INCENTIVE FEE STRUCTURE** (check one)

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	No. 1	No. 2	<u>X</u> No. 3	No. 4	No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 69,198.

The target fee of this task order is \$ 4,435.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 73,633.

The maximum fee is \$ 6,482.

The minimum fee is \$0.

**AUTHORIZED SIGNATURE:**

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

*Lorrie L. Eakin*  
SIGNATURE OF CONTRACTING OFFICER

3/10/00  
DATE

Lorrie L. Eakin  
Contracting Officer  
TYPED NAME OF CONTRACTING OFFICER

**CONTRACTOR'S ACCEPTANCE:**

AUTHORIZED SIGNATURE

DATE

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QSS Group, Inc.	NAS5- 99124	202	

Applicable paragraphs from contract Statement of Work:

**STATEMENT OF WORK:** (Continue on blank paper if additional space is required)

The purpose of this task is to produce the ISIS High Voltage Power Converter (HVPC) assembly. To complete this task, the contractor shall perform enclosure design, Printed Wiring Assembly design/layout, generate mechanical and thermal analysis, generate fabrication documentation, generate assembly documentation, and deliver it to the GSFC in electronic format.

The contractor shall provide the enclosures, Printed Wiring Boards, related hardware, parts, and materials.

The contractor shall assemble the enclosures and Printed Wiring Assemblies using GFE and contractor-provided parts and materials.

**PERFORMANCE SPECIFICATIONS:**

1. Perform Printed Wiring Assembly design/layout using PADS Power PCB, version 2.0 or later.
2. Enclosure fabrication drawings, Printed Wiring Board fabrication drawings, assembly drawings, and parts lists shall be generated in Autocad 14 (or later) format.

**GOVERNMENT FURNISHED PROPERTY:**

1. Hybrid DC/DC Converter AFL2815SX/ES (Lambda Advanced Analog, Inc.) 10 each
2. Hybrid EMI Filter AME28461X/ES (Lambda Advanced Analog, Inc.) 5 each

**APPLICABLE DOCUMENTS:**

1. GFE schematics, netlists, and parts specification lists.
2. Applicable NASA Workmanship Standards series, NASA-STD-8739 and NAS 5300.4.
3. GSFC Quality Manual, GPG 8730.3

**TASK END DATE:** 7/31/00**MILESTONES/DELIVERABLES AND DATES:**

- |   |                            |
|---|----------------------------|
| 1. Fabrication documentation                    | <del>XX15/00</del> 4/15/00 |
| 2. Assembly documentation                       | <del>XX15/00</del> 4/29/00 |
| 3. Fabricated enclosure and related hardware    | <del>XX30/00</del> 5/15/00 |
| 4. Fabricated Printed Wiring Board <del>X</del> | <del>XX30/00</del> 5/15/00 |
| 5. HVPC assembly for test                       | 6/15/00                    |
| 6. HVPC final assembly                          | 7/31/00                    |

**PERFORMANCE STANDARDS:**

- Schedule:** On-time delivery of assembled and inspected HVPC hardware  
**Technical:** Meets requirements as determined by the ATR

**FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):**

Harry Culver, building 23, room E327